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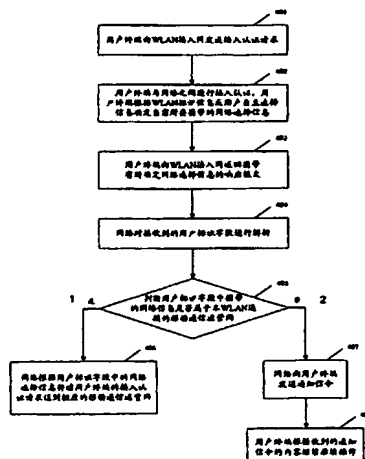
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(54) Title: A OPTIMIZATION MUTUAL METHOD OF THE USER TERMINAL SELECT ACCESSING MOBILE NETWORK IN WLAN

(54) 发明名称: 无线局域网中用户终端选择接入移动网的优化交互方法



401 USER TERMINAL TRANSMIT REQUEST OF ACCESS AUTHENTICATION TO WLAN ACCESSING NETWORK
402 PERFORM ACCESS AUTHENTICATION BETWEEN USER TERMINAL AND NETWORK, USER TERMINAL DETERMINE THE CURRENTLY NETWORK SELECTION INFORMATION WILL TO BE TAKE DEPEND ON WLAN IDENTIFICATION INFORMATION OR SELECTION INFORMATION OF THE USER
403 USER TERMINAL RETURN THE CORRESPONDING MESSAGE WITH THE DETERMINED NETWORK SELECTION INFORMATION TO WLAN ACCESSING NETWORK
404 NETWORK RESOLVE THE RECEIVED USER IDENTIFICATION SYMBOL
405 DETERMIN WHETHER THE NETWORK SELECTION INFORMATION IS MOBILE COMMUNICATION NETWORK CURRENTLY CONNECTION WITH WLAN
406 NETWORK TRANSMIT REQUEST OF ACCESS AUTHENTICATION OF USER TERMINAL TO CORRESPONDING MOBILE COMMUNICATION NETWORK DEPEND ON NETWORK SELECTION INFORMATION IN THE USER IDENTIFICATION SYMBOL
407 NETWORK TRANSMIT NOTIFICATION SIGNAL TO USER TERMINAL
408 USER TERMINAL CARRY OUT LATER OPERATION DEPEND ON RECEIVED NOTIFICATION SIGNAL
1 YES
2 NO

(57) Abstract: The present invention disclosed a optimization mutual method of the user terminal select accessing mobile network in WLAN (Wireless Local Area Network), include steps: The VVLAN user terminal connection with WLAN accessing network in manner of wireless, network or WLAN user terminal beginning the process of access authentication, WLAN accessing network transmit a request respect of user name message to user terminal. After the user terminal received the request, determine the currently network selection information will to be take depend on the change of the WLAN accessing network or selection information of the user, and return the determined network selection information to VVLAN accessing network. Network determine whether the network selection information is mobile communication network currently connection with VLAN, if is, transmit the request of access authentication to corresponding mobile communication network, if is not, network transmit notification signal to the user terminal, the user terminal carry out the later operation depend on the notification signal. The present invention provide when user terminal access a WALN connection with a plurality of mobile communication work, can optimization access process of selecting optimum mobile communication network depend on require.

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